

Serial No.:10/808,155
Response to Office action dated Sept. 11, 2006
Page 2 of 9

AMENDMENT TO THE SPECIFICATION

Please replace the CROSS REFERENCE TO RELATED APPLICATIONS at paragraph 0001 of applicants' corresponding published patent application U.S. Pat. Pub. No. 2005-0212903 A1 with the following:

CROSS REFERENCE TO RELATED APPLICATIONS

The present application is related to U.S. Patent Application Serial No.

[[_____,]] 10/808,043, filed March 24, 2004, ~~Attorney Docket 2002-0711~~, entitled "Memory Device On Optical Scanner And Apparatus And Method For Storing Characterizing Information On The Memory Device"; U.S. Patent Application Serial No. [[_____,]] 10/808,130, filed March 24, 2004, ~~Attorney Docket 2003-0848~~, entitled "Systems For Performing Laser Beam Linearity Correction And Algorithms And Methods For Generating Linearity Correction Tables From Data Stored In An Optical Scanner"; U.S. Patent Application Serial No. [[_____,]] 10/807,870, filed March 24, 2004, ~~Attorney Docket 2003-0844~~, entitled "Algorithms And Methods For Determining Laser Beam Process Direction Position Errors From Data Stored On A Printhead"; and U.S. Patent Application Serial No. [[_____,]] 10/757130, filed January 14, 2004, ~~Attorney Docket 2003-0356~~, entitled "Method And Apparatus For Minimizing Visual Artifacts In Images Generated By An Electrophotographic Machine"; each of which is filed currently herewith and hereby incorporated by reference.

Please replace paragraph 0039 of applicants' corresponding published patent application U.S. Pat. Pub. No. 2005-0212903 A1 with the following:

For example, each bow profile may be derived empirically from one or more experiments that measure process direction position errors of a particular laser beam. Such a derivation preferably includes variables that account for dynamic errors, e.g., temperature induced optical errors and age based degrading of the printhead components. Such would allow the instructions list 86 to be periodically updated so that the corrections applied therefrom more accurately reflect the process direction errors in an associated laser beam path. For example, a bow profile may be synthesized for each of four lasers in a color laser printer, at least in part, from data read

Serial No.:10/808,155

Response to Office action dated Sept. 11, 2006

Page 3 of 9

from nonvolatile memory source(s), such as a memory device on the printhead. Such data may be obtained from a test apparatus during manufacturing that measures process direction position errors at a series of discrete test points. This approach is described in U.S. Patent Application Serial No. [[_____,]] 10/808,043, filed March 24, 2004, Attorney Docket 2002-0711, entitled "Memory Device On Optical Scanner And Apparatus And Method For Storing Characterizing Information On The Memory Device", which is already incorporated by reference herein. An exemplary manner in which the bow profile for each laser beam scan path may be computed, such as by software executed by a microprocessor 92, from the above-mentioned test points is described in U.S. Patent Application Serial No. [[_____,]] 10/807,870, filed March 24, 2004, Attorney Docket 2003-0844, entitled "Algorithms And Methods For Determining Laser Beam Process Direction Position Errors From Data Stored On A Printhead", which is also already incorporated by reference herein.